EIZO®

Widescreen LCD Monitors

FlexScan EcoView

Eco awareness meets smart business.

New Design, New Lineup

22"
EV2216W (TN panel)
1680 x 1050

23"
EV2336W (IPS panel)
EV2316W (TN panel)
1920 x 1080

Slim Bezel Design

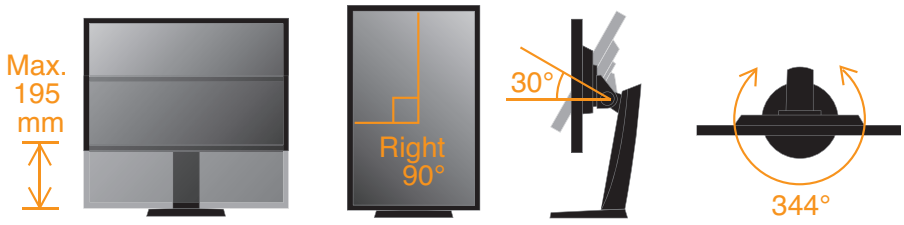
Extraordinarily slim bezels on all four sides makes multi-screen computing much more comfortable.

Bezel sizes shown here are for 23-inch models.

Choice of Two Stands

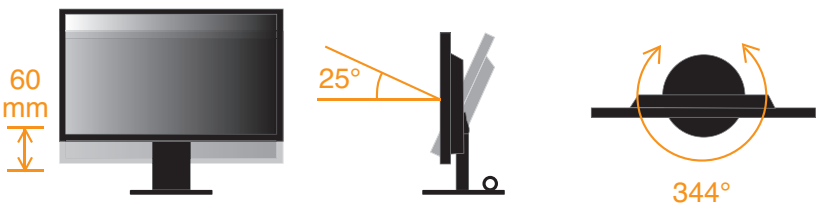
TriStand 2 is not available with the FlexScan EV2736W.

FlexStand 2



Height Adjustment | Portrait | Tilt | Swivel

TriStand 2



Height Adjustment | Tilt | Swivel

24"
EV2436W (IPS panel)
EV2416W (TN panel)
1920 x 1200

27"
EV2736W
IPS panel
2560 x 1440

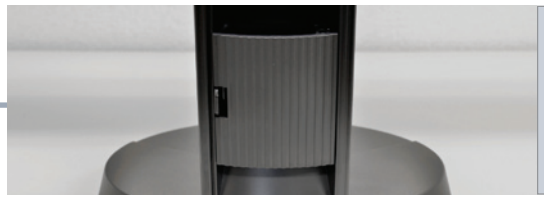
Usability and Convenience

Carrying Handle
Built-in handle makes it easy to carry the monitor from one location to another.

Connectors on Left
USB peripherals and headphones can be quickly and conveniently connected.

Connectors at Bottom
Connectivity with digital and analog sources. (D-Sub not included with FlexScan EV2736W.)

Speakers in Back
Dual 1-watt speakers provide audio without increasing bezel size.



Cable Holder
Keeps desktop tidy by preventing cable clutter.

Ergonomics

Visual comfort to increase your productivity

Flicker-Free Images

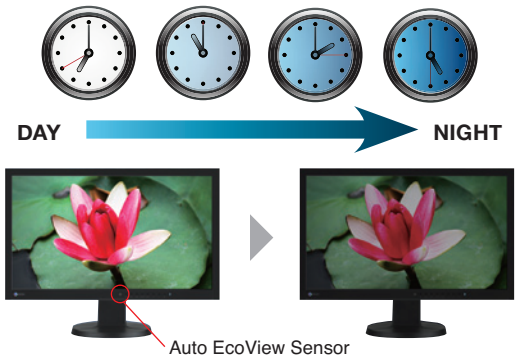
Due to the way brightness is controlled on LED backlights, many people perceive flicker on their screen which causes eye fatigue. The FlexScan EV series utilizes a hybrid solution to regulate brightness and make flicker unperceivable without any drawbacks like compromising color stability.

Clear View from All Angles

EcoView monitors come with either IPS panels that have 178° viewing angles and almost no color shift or with TN panels and EIZO's UpView function that delivers clear and stable color display when the screen is viewed from below at an angle.

Tireless Eyes

To prevent eye fatigue, a brightness sensor called Auto EcoView detects the changes in the ambient brightness that occur throughout the day and automatically adjusts the screen to the ideal brightness level. Auto EcoView cuts power by up to 49% compared to operating the monitor at maximum brightness.



Power Consumption

Model	Auto EcoView OFF (100% brightness)	Auto EcoView ON	Power Reduction
EV2736W	43 W	24 W	44%
EV2436W	37 W	19 W	49%
EV2416W	28 W	15 W	46%
EV2336W	26 W	16 W	38%
EV2316W	26 W	14 W	46%
EV2216W	22 W	12 W	45%

Adjustable to Just 0.2% of Maximum Brightness

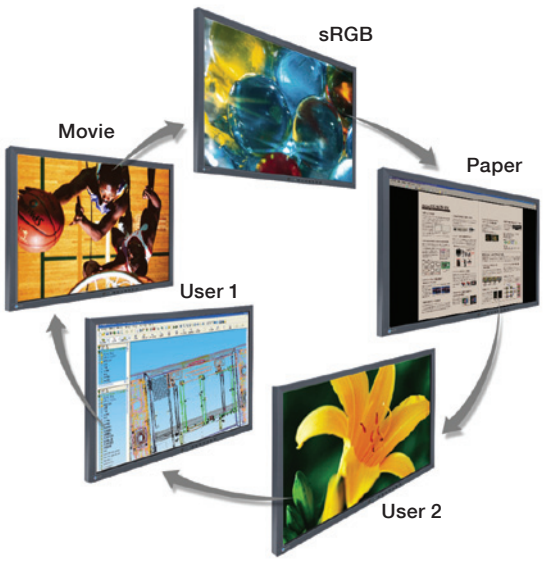
In a dimly-lit work environment, a monitor with low brightness settings will be more comfortable to use. With their LED backlights, the EV2736W and EV2436W are adjustable to just 0.2% of the maximum brightness or 0.6 cd/m^2. (1% and 3 cd/m^2 for other models.) With typical CCFL backlights the lowest you could adjust to is a much brighter 20%.

0.6 cd/m^2 (0.2% brightness)

250 cd/m^2 (100% brightness)

Preset Modes for Optimum Viewing

Five preset modes (including two with user adjustable settings) ensure you always get the right setting for any application. You can switch modes at the touch of a button or automatically with the bundled ScreenManager Pro for LCD software.

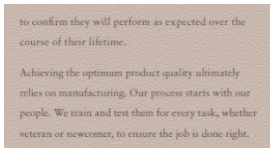


Paper Mode and EyeCare Filter Reduce Eye Fatigue

The Paper mode preset simulates the look of printed paper and helps prevent eyestrain when reading documents. When used with EyeCare Filter, available with the bundled ScreenManager Pro for LCD (DDC/CI) software, any of several filter patters that resemble different types of paper can be applied. You can adjust the density of the filter patterns for maximum viewing comfort.

Choice of filter patterns

Paper Mode



Paper Mode with EyeCare Filter

Environment

Energy-saving features to reduce your ecological footprint

LED Backlights – Less Power, Longer Life

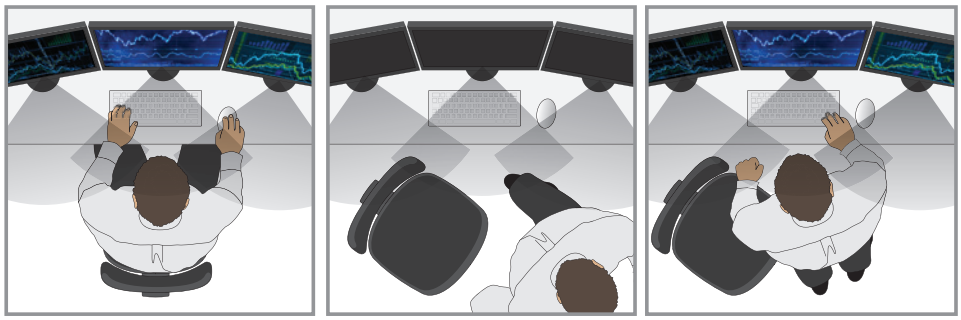
Compared to conventional CCFL backlights, LED backlights last longer and consume less power – as little as 24 watts in normal use for the 27-inch EV2736W. They are also mercury-free to have minimal impact on the environment when they are eventually disposed of.

Reduce Power by up to 30%

A new feature called EcoView Optimizer 2 lowers power consumption by up to 30% by reducing the backlight brightness and increasing the gain. To maintain image quality, EcoView Optimizer 2 only boosts the gain with a screen consisting mostly of dark content because the accompanying reduction in brightness is almost unperceivable.

Presence Sensor for Energy Savings

A presence sensor called EcoView Sense 2 prompts the monitor to switch to power save mode when you are absent and then power on again when you return. It even works in a multi-monitor setup so all monitors remain on when you're at your desk.



Zero Watts When Turned Off

When the monitor's power save mode and eco timer function are set, it consumes less than 0.7 watts of power, and when turned off via the main power switch, it consumes no electricity at all.

Compliance with International Labels

EcoView monitors meet some of the most stringent international labels for ergonomics and energy savings.

Economy

Lower total cost of ownership

Significantly Reduce Electricity Costs

FlexScan EV monitors offer up to 63% savings on electricity depending on the model with the Auto EcoView ambient brightness sensor and the EcoView Sense 2 presence sensor. Both features work automatically so savings are ensured without you having to do anything.

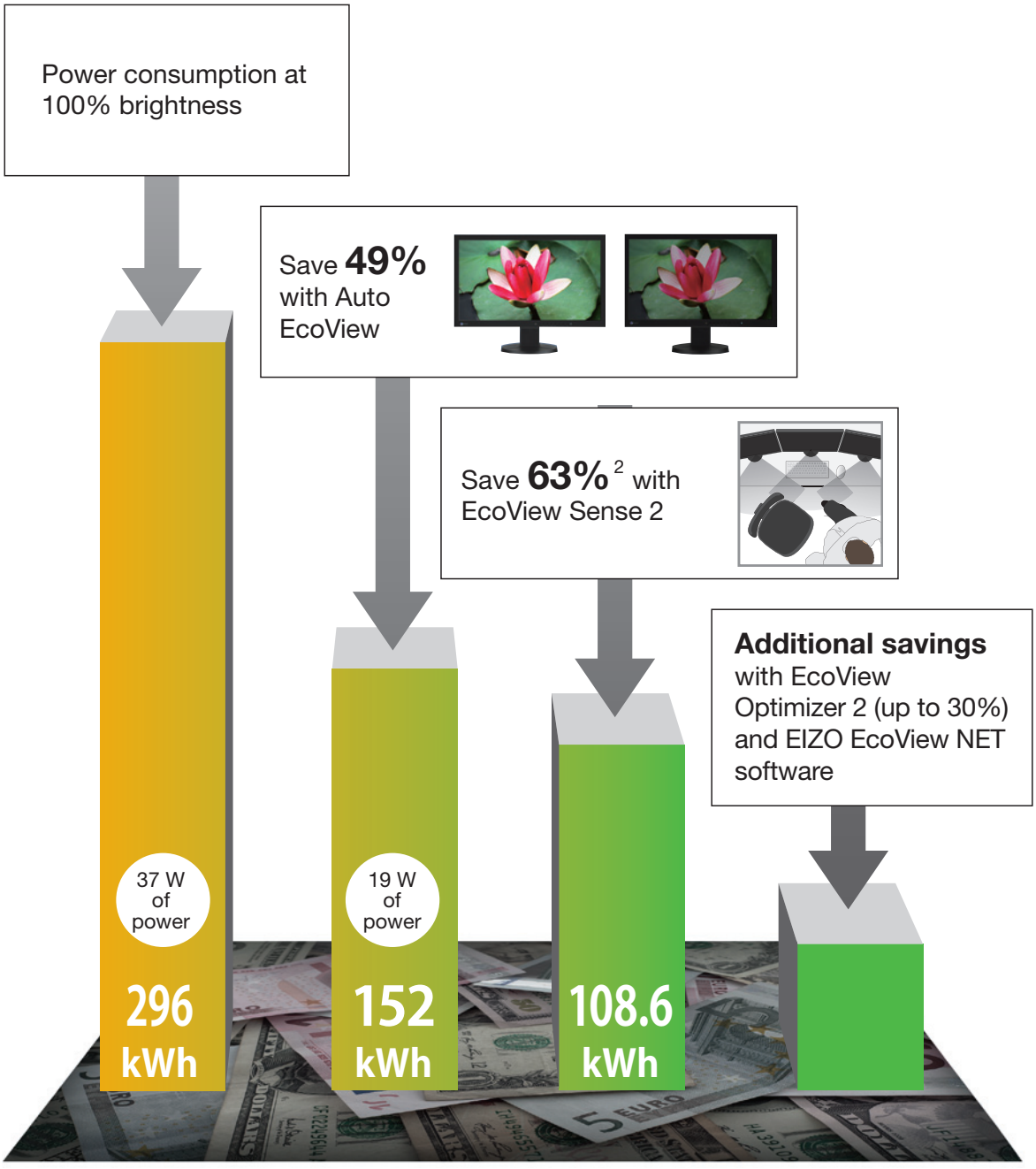
Cut Electricity Costs by up to 63% Automatically

(Example used: FlexScan EV2436W)

Energy Savings/Monitor	**187.4 kWh**
Cost Savings/Monitor[1]	**€37.48**

[1]Cost savings are calculated at a cost of €0.20/kWh at 8 hours/day, 200 days/ year over 5 years (the warranty period). [2]Savings with EcoView Sense 2 are based on an EIZO internal survey that showed workers are away from their desks 29% of the day and assumes that the monitor consumes 0.3 watts in power save mode during this time.

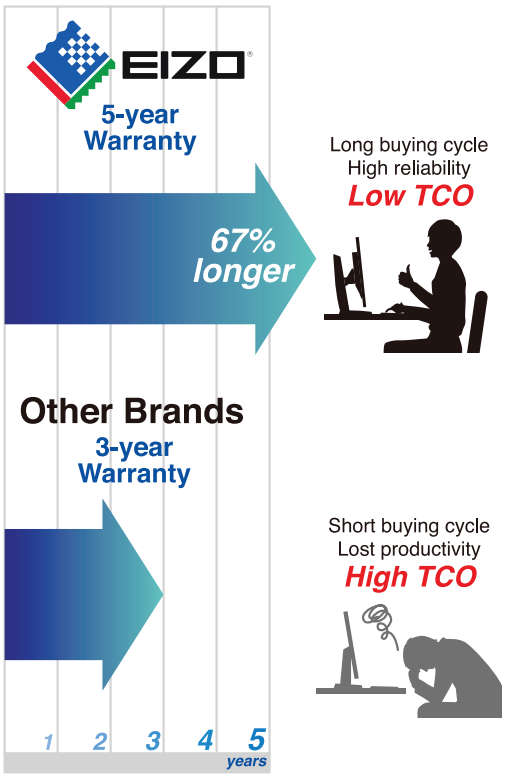
Electricity consumed and saved during 5-year warranty period


Power consumption at 100% brightness
Save 49% with Auto EcoView
Save 63%[2] with EcoView Sense 2
Additional savings with EcoView Optimizer 2 (up to 30%) and EIZO EcoView NET software
37 W of power
296 kWh
19 W of power
152 kWh
108.6 kWh

Built to Last Five Years

EIZO integrated approach to developing, manufacturing, and quality control testing its own monitors allows it to offer the industry's only five-year manufacturer's warranty. This is two years or 67% longer than a standard three-year warranty. Even if the initial purchase price of a FlexScan EcoView monitor is higher, your TCO will likely be lower due to the significantly longer buying cycle and less need for repairs.

5-Year vs. 3-Year Warranty

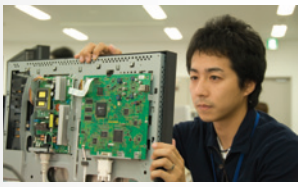


An Integrated Approach

EIZO does its own R&D, manufacturing and QC to offer monitors that are simply made better. What you get is a monitor with low running costs because it is built to last five years without needing to be replaced.

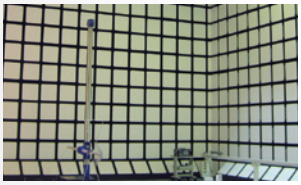
Research and Development

All engineers who develop FlexScan EcoView monitors are located in EIZO's R&D center in Japan for close communication and reduced development time.



Quality Control

Safety and reliability are hallmarks of EIZO monitors. The company has its own anechoic chambers to confirm its products comply with international EMI regulations and conducts long-life testing of its products.



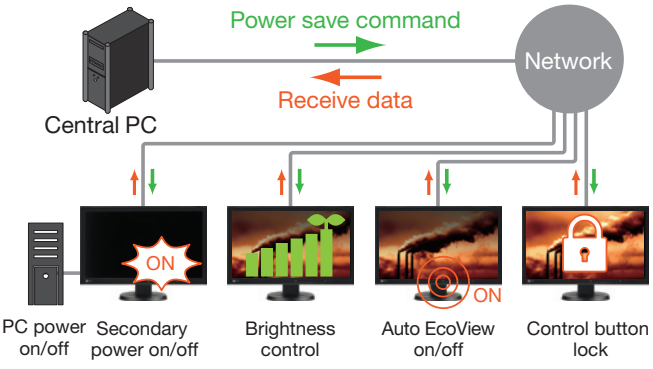
Manufacturing

EIZO manufactures its products at its own factories which combine manual and automated operations to ensure high-quality products are made as efficiently as possible.

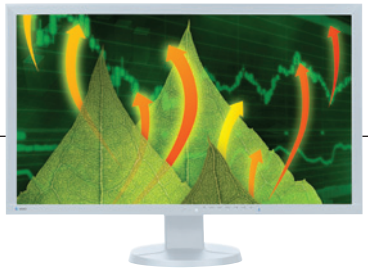
Power Management Software

EIZO EcoView NET power management software helps organizations take advantage of the ergonomic and energy-saving features of EIZO monitors by allowing a network administrator to adjust their brightness and power settings from a central location.

EcoView Net is compatible with Windows 8, 7, and Vista and is available free of charge. Please see www.eizo.com for details.



Specifications



		FlexScan EV2736W	FlexScan EV2436W	FlexScan EV2416W
Panel	Size	27" / 68 cm (684 mm diagonal)	24.1" / 61 cm (611 mm diagonal)	24.1" / 61 cm (611 mm diagonal)
	Display Size (H x V)	596.7 x 335.6 mm	518.4 x 324 mm	518.4 x 324 mm
	Type	IPS	IPS	TN
	Viewing Angles (H / V, typical)	178°, 178°	178°, 178°	170°, 160°
	Brightness (typical)	300 cd/m^2	300 cd/m^2	250 cd/m^2
	Contrast Ratio (typical)	1000:1	1000:1	1000:1
	Response Time (typical)	6 ms (Gray-to-gray)	6 ms (Gray-to-gray)	5 ms (black-white-black)
	Native Resolution	2560 x 1440 (16:9 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	1920 x 1200 (16:10 aspect ratio)
	Pixel Pitch	0.2331 x 0.2331 mm	0.270 x 0.270 mm	0.270 x 0.270 mm
	Maximum Display Colors	16.77 million	16.77 million	16.77 million
Video and USB	D-Sub mini 15 pin	-	•	•
	DVI-D 24 pin	• (with HDCP)	• (with HDCP)	• (with HDCP)
	DisplayPort	• (with HDCP)	• (with HDCP)	• (with HDCP)
	Analog Scanning Frequency (H / V)	-	31 - 81 kHz, 55 - 76 Hz	31 - 76 kHz, 55 - 61 Hz
	Digital Scanning Frequency (H / V)	31 - 89 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) (WQHD SL: 29 - 31 Hz)	31 - 76 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)	31 - 76 kHz, 59 - 61 Hz
	USB Ports / Standard	1 upstream, 2 downstream / USB 2.0	1 upstream, 2 downstream / USB 2.0	1 upstream, 2 downstream / USB 2.0
Audio	Speakers	1.0 W + 1.0 W	1.0 W + 1.0 W	1.0 W + 1.0 W
	Input / Output Terminals	3.5 mm stereo jack / 3.5 mm headphone jack	3.5 mm stereo jack / 3.5 mm headphone jack	3.5 mm stereo jack / 3.5 mm headphone jack
Power	Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
	Power Consumption	24 W (typical), 67 W (maximum)	19 W (typical), 60 W (maximum)	15 W (typical), 45 W (maximum)
	Power Save Mode	Less than 0.5 W	Less than 0.3 W	Less than 0.3 W
Physical Specifications	Height Adjustment Range	FlexStand 2: 145 mm (maximum 195 mm)	FlexStand 2: 158 mm (maximum 195 mm) TriStand 2: 60 mm	FlexStand 2: 158 mm (maximum 195 mm) TriStand 2: 60 mm
	Tilt / Swivel / Pivot	FlexStand 2: 30° Up, 0° Down / 172° Right, 172° Left / –	FlexStand 2: 30° Up, 0° Down / 172° Right, 172° Left / 90° TriStand 2: 25° Up, 0° Down / 172° Right, 172° Left / –	FlexStand 2: 30° Up, 0° Down / 172° Right, 172° Left / 90° TriStand 2: 25° Up, 0° Down / 172° Right, 172° Left / –
	Dimensions	FlexStand 2: 640 x 399.5 - 544.5 x 245.5 mm	FlexStand 2: 552.5 x 376 - 534 x 200 mm TriStand 2: 552.5 x 408 - 468 x 245.5 mm	FlexStand 2: 552.5 x 376 - 534 x 200 mm TriStand 2: 552.5 x 408 - 468 x 245.5 mm
	Dimensions (Without Stand)	640 x 379 x 65 mm	552.5 x 358 x 57 mm	552.5 x 358 x 57 mm
	Net Weight	FlexStand 2: 10 kg	FlexStand 2: 6.7 kg TriStand 2: 5.3 kg	FlexStand 2: 6.3 kg TriStand 2: 4.9 kg
	Net Weight (Without Stand)	7.3 kg	4.1 kg	3.7 kg
EcoView Features	Auto EcoView	•	•	•
	EcoView Sense	•	•	•
	EcoView Optimizer	-	•	•
OSD Adjustment Functions	Screen Adjustment	Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge), Smoothing (5 stages), Border Intensity
	Color Adjustment	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Overdrive, Reset	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Overdrive, Reset	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Reset
	Power Management	Power Save (DVI DMPM), Eco Timer	Power Save (VESA DPM, DVI DMPM), Eco Timer	Power Save (VESA DPM, DVI DMPM), Eco Timer
	Sound	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort)
	Other Settings	Signal Switching, Product Information, OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages, Power Indicator, Reset	Signal Switching, Product Information, OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages, Power Indicator, Reset	Signal Switching, Up View, Product Information, OSD Menu Settings, Adjustment Lock, DDC/CI Lock ,Languages, Power Indicator, Reset
Other	Preset Modes	Paper, Movie, sRGB, User1, User2	Paper, Movie, sRGB, User1, User2	Paper, Movie, sRGB, User1, User2
General	Available Cabinet Colors	Gray, Black	Gray, Black	Gray, Black
	Certifications & Standards (Please contact the EIZO subsidiary or distributor in your country for the latest information.)	TCO Displays 5.1, ECO Sense Gold (US), TÜV/Ergonomics (including ISO9241-307), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R	TCO Displays 5.1, ECO Sense Gold (US), TÜV/Ergonomics (including ISO9241-307), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R	TCO Displays 5.1, ECO Sense Gold (US), TÜV/Ergonomics (including ISO9241-307), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R
	Supplied Accessories	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software)	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software)	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software)
	Warranty	Five Years[1]	Five Years[1]	Five Years[1]

[1]Subject to the usage time being 30,000 hours or less from the date of purchase.

		FlexScan EV2336W	FlexScan EV2316W	FlexScan EV2216W
Panel	Size	23" / 58 cm (584 mm diagonal)	23" / 58 cm (584 mm diagonal)	22" / 56 cm (558 mm diagonal)
	Display Size (H x V)	509.8 x 286.7 mm	509.8 x 286.7 mm	473.76 x 296.1 mm
	Type	IPS	TN	TN
	Viewing Angles (H / V, typical)	178°, 178°	170°, 160°	170°, 160°
	Brightness (typical)	250 cd/m^2	250 cd/m^2	250 cd/m^2
	Contrast Ratio (typical)	1000:1	1000:1	1000:1
	Response Time (typical)	6 ms (Gray-to-gray)	5 ms (black-white-black)	5 ms (black-white-black)
	Native Resolution	1920 x 1080 (16: 9 aspect ratio)	1920 x 1080 (16: 9 aspect ratio)	1680 x 1050 (16: 10 aspect ratio)
	Pixel Pitch	0.2655 x 0.2655 mm	0.2655 x 0.2655 mm	0.282 x 0.282 mm
	Maximum Display Colors	16.77 million	16.77 million	16.77 million
Video and USB	D-Sub mini 15 pin	•	•	•
	DVI-D 24 pin	• (with HDCP)	• (with HDCP)	• (with HDCP)
	DisplayPort	• (with HDCP)	• (with HDCP)	• (with HDCP)
	Analog Scanning Frequency (H / V)	31 - 81 kHz, 55 - 76 Hz	31 - 68 kHz, 55 - 61 Hz	31 - 68 kHz, 55 - 61 Hz
	Digital Scanning Frequency (H / V)	31 - 68 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)	31 - 68 kHz, 59 - 61 Hz DisplayPort: 31 - 67.5 KHz, 59 - 61 Hz	31 - 68.0 kHz, 59 - 61 Hz DisplayPort: 31 - 67.5 kHz, 59 - 61 Hz
	USB Ports / Standard	1 upstream, 2 downstream / USB 2.0	1 upstream, 2 downstream / USB 2.0	1 upstream, 2 downstream / USB 2.0
Audio	Speakers	1.0 W + 1.0 W	1.0 W + 1.0 W	1.0 W + 1.0 W
	Input / Output Terminals	3.5 mm stereo jack / 3.5 mm headphone jack	3.5 mm stereo jack / 3.5 mm headphone jack	3.5 mm stereo jack / 3.5 mm headphone jack
Power	Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
	Power Consumption	16 W (typical), 47 W (maximum)	14 W (typical), 43 W (maximum)	12 W (typical), 39 W (maximum)
	Power Save Mode	Less than 0.3 W	Less than 0.3 W	Less than 0.3 W
Physical Specifications	Height Adjustment Range	FlexStand 2: 179 mm (maximum 195 mm) TriStand 2: 60 mm	FlexStand 2: 179 mm (maximum 195 mm) TriStand 2: 60 mm	FlexStand 2: 174.5 mm (maximum 195mm) TriStand 2: 60 mm
	Tilt / Swivel / Pivot	FlexStand 2: 30° Up, 0° Down / 172° Right, 172° Left / 90° TriStand 2: 25° Up, 0° Down / 172° Right, 172° Left / –	FlexStand 2: 30° Up, 0° Down / 172° Right, 172° Left / 90° TriStand 2: 25° Up, 0° Down / 172° Right, 172° Left / –	FlexStand 2: 30° Up, 0° Down/ 172°Right, 172°Left / 90° TriStand 2: 25° Up, 0° Down / 172°Right, 172°Left/ –
	Dimensions	FlexStand 2: 540 x 360 - 513.5 x 245.5 mm TriStand 2: 540 x 387.5 - 447.5 x 200 mm	FlexStand 2: 540 x 360 - 513.5 x 245.5 mm TriStand 2: 540 x 387.5 - 447.5 x 200 mm	FlexStand 2: 500 x 360 - 518 x 245.5 mm TriStand 2: 500 x 392 - 452 x 200 mm
	Dimensions (Without Stand)	540 x 317.5 x 56 mm	540 x 317.5 x 56 mm	500 x 326.5 x 54 mm
	Net Weight	FlexStand 2: 6.3 kg TriStand 2: 4.9 kg	FlexStand 2: 5.7 kg TriStand 2: 4.3 kg	FlexStand 2: 5.8 kg TriStand 2: 4.5 kg
	Net Weight (Without Stand)	3.7 kg	3.1 kg	3.3 kg
EcoView Features	Auto EcoView	•	•	•
	EcoView Sense	•	•	•
	EcoView Optimizer	•	•	•
OSD Adjustment Functions	Screen Adjustment	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge), Smoothing (5 stages), Border Intensity
	Color Adjustment	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Overdrive, Reset	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Reset	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Reset
	Power Management	Power Save (VESA DPM, DVI DMPM), Eco Timer	Power Save (VESA DPM, DVI DMPM), Eco Timer	Power Save (VESA DPM, and DVI DMPM), Eco Timer
	Sound	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort)
	Other Settings	Signal Switching, Product Information, OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages, Power Indicator, Reset	Signal Switching, Up View, Product Information, OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages, Power Indicator, Reset	Signal Switching, Up View, Product Information, OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages, Power Indicator, Reset
Other	Preset Modes	Paper, Movie, sRGB, User1, User2	Paper, Movie, sRGB, User1, User2	Paper, Movie, sRGB, User1, User2
General	Available Cabinet Colors	Gray, Black	Gray, Black	Gray, Black
	Certifications & Standards (Please contact the EIZO subsidiary or distributor in your country for the latest information.)	TCO Displays 5.1, ECO Sense Gold (US), TÜV/Ergonomics (including ISO9241-307), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R	TCO Displays 5.1, ECO Sense Gold (US), TÜV/Ergonomics (including ISO9241-307), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R	TCO Displays 6.0, ECO Sense Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, c-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, GOST-R
	Supplied Accessories	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software)	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software)	AC power cord, signal cables (DVI-D - DVI-D, DisplayPort - DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software)
	Warranty	Five Years[1]	Five Years[1]	Five Years[1]

[1]Subject to the usage time being 30,000 hours or less from the date of purchase.

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